



UNITED STATES MARINE CORPS

MARINE RESERVE FORCE, FMF, USMCR  
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NEW ORLEANS, LOUISIANA 70146-5400

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ForO 4450.1

SUP

3 OCT 1994

FORCE ORDER 4450.1

From: Commanding General

To: Distribution List

Subj: STORAGE AND WAREHOUSING EQUIPMENT MODERNIZATION PLANNING

Ref: (a) MCO 4450.10  
(b) NAVSUP Pub 529 (NOTAL)  
(c) MCO P7100.8K  
(d) MCO P10150.1  
(e) MCO P11000.5 (NOTAL)

Encl: (1) Warehouse Modernization Detailed Equipment Exhibit (Expense/Investment Equipment)

1. Purpose. To provide amplifying instructions contained in references (a) through (c) for planning and programming procedures for storage and warehousing equipment modernization.

2. Information. An orderly work flow plan and optimal utilization of storage space through proper design are essential for efficient warehousing operations and economic storage. The development of plans for the modernization of warehousing equipment, and the programming of resources to execute these plans are vital to the attainment of efficient and economic systems.

3. Action. Units, participating in this program, shall complete the following requirements and submit results to CG, MARRESFOR (SUP/PCO) via the appropriate chain of command.

a. Develop a 6-year plan for modernization of warehousing operations and equipment replacement, as required.

b. Develop a modernization plan per reference (b). Units shall consider developing studies or plans to ensure state-of-the-art warehousing methods and equipment are used to achieve the unit's modernization objectives. These funds may be subject to congressional or administrative limitations therefore, all requirements shall be identified as stated in paragraph 5906 of reference (c).

c. Identify in modernization projects such equipment as automated material handling systems, storage aid systems (bin, shelving, and pallet racks), and Preservation, Packaging, and Packing (PP&P) systems. Warehouse modernization projects shall not include wheeled motorized Material Handling Equipment (MHE), except for first-time buys of narrow-aisle forklifts used to maximize the utilization of storage space.

d. As appropriate, plan complete "turn-key" projects to include limited investment funds on items not normally associated with investment expenditures (e.g., costs to run power to equipment and

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movement of doors or partitions when such work is part of the total modernization effort in a single warehouse).

e. The requesting activity shall submit their requirements to CG, MARRESFOR (SUP/PCO). Ensure all spaces for equipment are able to accommodate the requested equipment (i.e., electrical capacity and floor weight).

f. If equipment or systems meet criteria established for investment-type items, ensure that equipment is loaded to plant property records per reference (d).

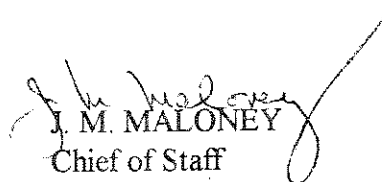
g. Ensure the planning and programming objectives required in this Order are not the modernization, repair, or modifications to buildings. Continue to make building modernization, repair, and major modifications as directed in reference (e).

4. Budgeting/Funding Exhibit Report Submission

a. Units shall submit investment fund (Procurement, Marine Corps) requirements to implement modernization plans to CG, MARRESFOR (SUP/PCO) before 10 May of each year for review. Base the submission on 6-year projected requirements to coincide with the Program Objective Memorandum cycle. Include a detailed narrative of the command's warehouse modernization objectives. List, prioritize, and submit fund requirements within each fiscal year in the format shown in the enclosure. Ensure separate exhibits are submitted for each fiscal year.

b. Battalion commanders shall coordinate, consolidate, and submit requirements of units rolled up under their respective command.

5. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

  
J. M. MALONEY  
Chief of Staff

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ForO 4450.1  
3 OCT 1994

WAREHOUSE MODERNIZATION  
DETAILED EQUIPMENT EXHIBIT  
(EXPENSE/INVESTMENT EQUIPMENT)

ACTIVITY: \_\_\_\_\_

FISCAL YEAR BUDGET: \_\_\_\_\_

<u>FY</u>	<u>PRI</u>	<u>UNIT (* see note 1)</u> <u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u> <u>PRICE</u>	<u>TOTAL</u> <u>COST</u>
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SAMPLE

JUSTIFICATION AND USER LOCATION: (Provide detailed narrative information)

\* NOTE 1: Indicate the specific TAMCN for forklifts when requesting these items.

ENCLOSURE (1)

